

Kathryn M Mcculloch

List of Publications by Year in descending order

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14
papers

251
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1163117

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times ranked

405
citing authors

#	ARTICLE	IF	CITATIONS
1	Teaching Crystallography by Determining Small Molecule Structures and 3-D Printing: An Inorganic Chemistry Laboratory Module. <i>Journal of Chemical Education</i> , 2020, 97, 2273-2279.	2.3	15
2	Methyltransferase Contingencies in the Pathway of Everninomicin D Antibiotics and Analogues. <i>ChemBioChem</i> , 2020, 21, 3349-3358.	2.6	4
3	Bifunctional Nitrone-Conjugated Secondary Metabolite Targeting the Ribosome. <i>Journal of the American Chemical Society</i> , 2020, 142, 18369-18377.	13.7	7
4	An alternative N-terminal fold of the intestine-specific annexin A13a induces dimerization and regulates membrane-binding. <i>Journal of Biological Chemistry</i> , 2019, 294, 3454-3463.	3.4	11
5	The Structure of the Bifunctional Everninomicin Biosynthetic Enzyme EvdMO1 Suggests Independent Activity of the Fused Methyltransferase-Oxidase Domains. <i>Biochemistry</i> , 2018, 57, 6827-6837.	2.5	7
6	Structural Basis for Sialoglycan Binding by the <i>Streptococcus sanguinis</i> SrpA Adhesin. <i>Journal of Biological Chemistry</i> , 2016, 291, 7230-7240.	3.4	39
7	Oxidative cyclizations in orthosomycin biosynthesis expand the known chemistry of an oxygenase superfamily. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11547-11552.	7.1	42
8	Cofactor Catabolism. , 2010, , 649-674.		2
9	Structure Determination and Characterization of the Vitamin B ₆ Degradative Enzyme (<i>E</i>)-2-(Acetamidomethylene)succinate Hydrolase. <i>Biochemistry</i> , 2010, 49, 1226-1235.	2.5	13
10	Structure of the PLP Degradative Enzyme 2-Methyl-3-hydroxypyridine-5-carboxylic Acid Oxygenase from <i>Mesorhizobium loti</i> MAFF303099 and Its Mechanistic Implications. <i>Biochemistry</i> , 2009, 48, 4139-4149.	2.5	33
11	Structural Studies of Thiamin Monophosphate Kinase in Complex with Substrates and Products. <i>Biochemistry</i> , 2008, 47, 3810-3821.	2.5	27
12	Gene Identification and Structural Characterization of the Pyridoxal 5â€-Phosphate Degradative Protein 3-Hydroxy-2-methylpyridine-4,5-dicarboxylate Decarboxylase from <i>Mesorhizobium loti</i> MAFF303099,. <i>Biochemistry</i> , 2007, 46, 13606-13615.	2.5	12
13	Identification of a Domain in the Vo Subunit d That Is Critical for Coupling of the Yeast Vacuolar Proton-translocating ATPase. <i>Journal of Biological Chemistry</i> , 2006, 281, 30001-30014.	3.4	37
14	Immunoprecipitation and characterization of membrane protein complexes from yeast. <i>Biochemistry and Molecular Biology Education</i> , 2005, 33, 289-292.	1.2	2